INDEX

Anderson, D. M. A model for diffusion-controlled solidification of ternary alloys in mushy layers, 165–197

Benintendi, S. W. *See* Wei, Benintendi, Halpern & Grotberg

Choudhari, M. *See* Wu & Choudhari

Dritschel, D. G. *See* Viúdez & Dritschel

Frigaard, I. A., Leimgruber, S. & Scherzer, O. Variational methods and maximal residual wall layers, 37–65

Grotberg, J. B. *See* Wei, Benintendi, Halpern & Grotberg

Halpern, D. *See* Wei, Benintendi, Halpern & Grotberg

Huppert, H. E. *See* Thompson, Huppert & Worster

Jiménez, J. *See* Kawahara, Jiménez, Uhlmann & Pinelli

Kawahara, G., Jiménez, J., Uhlmann, M. & Pinelli, A. Linear instability of a corrugated vortex sheet – a model for streak instability, 315–342

King, S. E. & Woods, A. W. Dipole solutions for viscous gravity currents: theory and experiments, 91–109

Kloker, M. *See* Wassermann & Kloker

Krishnamurti, R. Double-diffusive transport in laboratory thermohaline staircases, 287–314

Leimgruber, S. *See* Frigaard, Leimgruber & Scherzer

Luo, J. *See* Wu & Luo

Or, A. C. & Speyer, J. L. Active suppression of finite-amplitude Rayleigh–Bénard convection, 111–128

Pinelli, A. *See* Kawahara, Jiménez, Uhlmann & Pinelli

Porter, D. *See* Porter & Porter

Porter, R. & Porter, D. Scattered and free waves over periodic beds, 129–163

Scherzer, O. *See* Frigaard, Leimgruber & Scherzer

Speyer, J. L. *See* Or & Speyer

Thompson, A. F., Huppert, H. E. & Worster, M. G. A global conservation model of diffusion-controlled solidification of a ternary alloy. Appendix to Anderson, 191–197

Uhlmann, M. *See* Kawahara, Jiménez, Uhlmann & Pinelli

Viúdez, Á. & Dritschel, D. G. Vertical velocity in mesoscale geophysical flows, 199–223

Wassermann, P. & Kloker, M. Transition mechanisms induced by travelling crossflow vortices in a three-dimensional boundary layer, 67–89

Wei, H.-H., Benintendi, S. W., Halpern, D. & Grotberg, J. B. Cycle-induced flow and transport in a model of alveolar liquid lining, 1–36

Woods, A. W. *See* King & Woods

Worster, M. G. *See* Thompson, Huppert & Worster

Wu, X. & Choudhari, M. Linear and nonlinear instabilities of a Blasius boundary layer perturbed by streamwise vortices. Part 2. Intermittent instability induced by long-wavelength Klebanoff modes, 249–286

Wu, X. & Luo, J. Linear and nonlinear instabilities of a Blasius boundary layer perturbed by streamwise vortices. Part 1. Steady streaks, 225–248